



CONTENTS OF VOLUME 40

Number 1

Identification of Partial Plugging in a Gas-Transport Pipeline by an Acoustic Method	1
H. KOYAMA, K. WATANABE (Japan) & D. M. HIMMELBLAU (USA)	
Modelling Auditorium Acoustics with Light	21
R. J. PINNINGTON & C. B. NATHANAIL (UK)	
A Method for the Prediction of Peak Sound Pressure Level Related to Opencast Blasting	47
M. CLERICI & M. PATRUCCO (Italy)	
Intensity Assessment Employing Probe Reversal	57
R. W. GUY (Canada)	
Evaluation of Ship Radiated Noise Level from Near-Field Measurements	69
T. MUSHA & A. SHINOHARA (Japan)	

Technical Note

A Quick Method of Estimating Sound Insulation	79
V. D. SMIRENOV (Russia)	

Calendar	89
--------------------	----

Number 2

Analysis of Three Dimensional Muffler with Boundary Element Method	91
C.-N. WANG, C.-C. TSE & Y.-N. CHEN (Taiwan)	
Investigations into Hygienic Attenuators	107
K. O. BALLAGH (New Zealand)	
Evaluation of Methods for Predicting the Scattering from Simple Rigid Panels	123
T. J. COX & Y. W. LAM (UK)	
Application of the Harmonic Balance Principle to the Nonlinear Free Vibration of Beams	141
M. I. QAISI (Jordan)	
Comparison of Noise Environment of Residences in Nagoya, Japan and in Beijing, China	153
K. KUNO, Y. OISHI, Y. MISHINA, A. HAYASHI (Japan), Z. DARUI, C. XIULAN & C. TONG (China)	

World Acoustics

- Teaching and Research in Acoustics at Ecole Centrale de Lyon (France) 169
 G. COMTE-BELLOT (France)

- Calendar 181

*Number 3***Special Issue on Building Acoustics**

- Foreword 183
- Low Frequency Noise and Acoustical Standards 185
 J. MATHYS (Belgium)
- Simplified Sea-Type Models to Predict the Sound Insulation between Dwellings 201
 P. JEAN & J. ROLAND (France)
- Rating Criteria for Facade Insulation Against Transportation Noise Sources 213
 S. KURRA & N. TAMER (Turkey)
- Measurement of Flanking Transmission in Outer Walls in Test Facilities 239
 J. LANG (Austria)
- Estimation of Air-Borne and Structure-Borne Sound Transmission from Machinery in Buildings 255
 E. GERRETSEN (The Netherlands)
- Approval and Certification as Problems Affecting Collaboration between Acoustic Laboratories of European Countries 267
 J. SADOWSKI & I. ZUCHOWICZ-WODNIKOWSKA (Poland)
- Sound Intensity and Sound Reduction Index 281
 H. G. JONASSON (Sweden)

Technical Note

- A New Concert Hall for the City of Eindhoven—Designs and Model Tests 295
 P. E. BRAAT-EGGEN (The Netherlands)

Number 4

- Sound Transmission Loss Measurements Using the Sound Intensity Technique
 Part 1: The Effects of Reverberation Time 311
 J. C. S. LAI & DAN QI (Australia)
- Sound Propagation in the Atmospheric Surface Layer: Comparison of Experiment with FFP Predictions 325
 A. L'ESPÉRANCE, J. NICOLAS (Canada), D. K. WILSON,
 D. W. THOMSON (USA), Y. GABILLET & G. DAIGLE (Canada)

Technical Notes

- Acoustics of Gonzago Theatre in the Palace and Park Museum of Archangelskoje 347
 M. LANNIE (Russia)

- A Standing-Wave Facility for Low-Frequency Impedance/Absorption Measurement 355
 G. W. SWENSON, JR (USA)

- Calendar 363

